

STN Columbus

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
 NEWS 2 "Ask CAS" for self-help around the clock
 NEWS 3 JAN 27 Source of Registration (SR) information in REGISTRY updated
 and searchable
 NEWS 4 JAN 27 A new search aid, the Company Name Thesaurus, available in
 CA/CAPLUS
 NEWS 5 FEB 05 German (DE) application and patent publication number format
 changes
 NEWS 6 MAR 03 MEDLINE and LMedline reloaded
 NEWS 7 MAR 03 MEDLINE file segment of TOXCENTER reloaded
 NEWS 8 MAR 03 FRANCEPAT now available on STN
 NEWS 9 MAR 29 Pharmaceutical Substances (PS) now available on STN
 NEWS 10 MAR 29 WPIFV now available on STN
 NEWS 11 MAR 29 No connect hour charges in WPIFV until May 1, 2004
 NEWS 12 MAR 29 New monthly current-awareness alert (SDI) frequency in RAPRA

NEWS EXPRESS MARCH 31 CURRENT WINDOWS VERSION IS V7.00A, CURRENT
 MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
 AND CURRENT DISCOVER FILE IS DATED 13 APRIL 2004

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FILE 'HOME' ENTERED AT 09:45:35 ON 26 APR 2004

=> file encomppat2

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FILE 'ENCOMPPAT2' ENTERED AT 09:45:46 ON 26 APR 2004

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This file contains CAS Registry Numbers for easy and accurate substance identification.

```
=> s (catalyst (l) catalyst support (l) nickel (l) molybdenum (l) ethylene glycol)/lt
      106840 CATALYST/LT
      18029 CATALYST SUPPORT/LT
      23909 NICKEL/LT
      17416 MOLYBDENUM/LT
      3785 ETHYLENE GLYCOL/LT
```

```
L1      0 (CATALYST (L) CATALYST SUPPORT (L) NICKEL (L) MOLYBDENUM (L)
        ETHYLENE GLYCOL)/LT
```

```
=> s (catalyst and nickel and molybdenum and ethylene glycol)
      128422 CATALYST
      24321 NICKEL
      17548 MOLYBDENUM
      36734 ETHYLENE
      15172 GLYCOL
      4446 ETHYLENE GLYCOL
        (ETHYLENE(W)GLYCOL)
```

```
L2      39 (CATALYST AND NICKEL AND MOLYBDENUM AND ETHYLENE GLYCOL)
```

```
=> s hydrodesulfurization/ct
L3      4248 HYDRODESULFURIZATION/CT
```

```
=> s l2 and l3
L4      7 L2 AND L3
```

```
=> d 1-7
```

L4 ANSWER 1 OF 7 ENCOMPPAT2 COPYRIGHT 2004 ELSEVIER ENGINEERING INFORMATION
Full Text

INC. on STN
AN 2002:9851 ENCOMPPAT;ENCOMPPAT2
DN P200214637
TI Preparation of **catalyst** composition useful in hydroprocessing of hydrocarbon feedstocks, involves incorporating organic oxygen-containing additive at any time of reaction of metal components
IN CERFONTAIN M B; EIJSBOUTS S; PLANTENGA F L
PA CERFONTAIN M B; EIJSBOUTS S; PLANTENGA F L; AKZO NOBEL NV
PI WO 2002004117 20020117
DS AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EE; ES; FI; GB; GD; GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; MA; MD; MG; MK; MN; MW; MX; MZ; NO; NZ; PL; PT; RO; RU; SD; SE; SG; SI; SK; SL; TJ; TM; TR; TT; TZ; UA; UG; UZ; VN; YU; ZA; ZW; AT; BE; CH; CY; DE; DK; EA; ES; FI; FR; GB; GH; GM; GR; IE; IT; KE; LS; LU; MC; MW; MZ; NL; OA; PT;

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SD; SE; SL; SZ; TR; TZ; UG; ZW
 AI WO 2001-EP7733 20010705
 PRAI US 2001-277733P 20010331
 EP 2000-202468 20000712
 OS DERWENT 2002291759
 LA English

L4 ANSWER 2 OF 7 ENCOMPAT2 COPYRIGHT 2004 ELSEVIER ENGINEERING INFORMATION
Full Text

INC. on STN
 AN 97:2906 ENCOMPAT;ENCOMPAT2
 DN 9710618
 TI Activating hydrotreating **catalyst** comprising Gp.-VIII and Gp.-VI
 hydrogenation metal oxide(s) on carrier - by contacting with additive
 contg. at least two hydroxyl gps. or polyether(s) and drying, giving high
 desulphurising and de-nitrogenating powers
 IN UEKUSA K; URAGAMI Y; YAMAGUCHI E; YOKOZUKA H
 PA SUMITOMO METAL MINING CO
 PI WO 9641848 961227
 DS AL; AM; AT; AU; AZ; BB; BG; BR; BY; CA; CH; CN; CZ; DE; DK; EE; ES; FI;
 GB; GE; HU; IL; IS; JP; KE; KG; KP; KR; KZ; LK; LR; LS; LT; LU; LV; MD;
 MG; MK; MN; MW; MX; NO; NZ; PL; PT; RO; RU; SD; SE; SG; SI; SK; TJ; TM;
 TR; TT; UA; UG; US; UZ; VN; AT; BE; CH; DE; DK; EA; ES; FI; FR; GB; GR;
 IE; IT; KE; LS; LU; MC; MW; NL; OA; PT; SD; SE; SZ; UG
 AI WO 1996-IB565 960607
 PRAI JP 1995-166783 950608
 OS DERWENT 97065443
 LA English

L4 ANSWER 3 OF 7 ENCOMPAT2 COPYRIGHT 2004 ELSEVIER ENGINEERING INFORMATION
Full Text

INC. on STN
 AN 95:9335 ENCOMPAT;ENCOMPAT2
 DN 9512316
 TI **Catalyst** for hydrogenative desulphurisation and denitration of
 hydrocarbon oil - contg. boria-silica-alumina composite, **catalyst** metal,
 polyol and organic sulphur cpd.
 PA SUMITOMO METAL MINING CO
 PI JP 7232078 950905
 AI JP 1994-167616 940720
 PRAI JP 1993-331646 931227
 OS DERWENT 95339426

L4 ANSWER 4 OF 7 ENCOMPAT2 COPYRIGHT 2004 ELSEVIER ENGINEERING INFORMATION
Full Text

INC. on STN
 AN 95:9334 ENCOMPAT;ENCOMPAT2
 DN 9512315
 TI **Catalyst** for hydrogenative desulphurisation denitration of hydrocarbon
 oil - contains boria-silica-alumina composite, **catalyst** metal and polyol
 PA SUMITOMO METAL MINING CO
 PI JP 7232077 950905
 AI JP 1994-128503 940610
 PRAI JP 1993-331647 931227
 OS DERWENT 95339425

L4 ANSWER 5 OF 7 ENCOMPAT2 COPYRIGHT 2004 ELSEVIER ENGINEERING INFORMATION
Full Text

INC. on STN
 AN 93:4136 ENCOMPAT;ENCOMPAT2
 DN 9351723
 TI 2-Methyl-naphthalene prodn. - from oil contg. 1-methyl-naphthalene, by

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isomerisation after azeotropic distn. with **ethylene glycol**, useful as intermediate for pharmaceuticals e.g. vitamin-K

IN HORITA T; NOBUSAWA T; SUZUKI T; TAKAGI Y
PA KAWASAKI STEEL CORP
PI EP 528384 930224
DS DE; FR; GB; IT
AI EP 1992-113924 920814
PRAI JP 1992-54817 920313
JP 1991-205784 910816
OS DERWENT 93060262
LA English

L4 ANSWER 6 OF 7 ENCOMPPAT2 COPYRIGHT 2004 ELSEVIER ENGINEERING INFORMATION

Full Text

INC. on STN

AN 93:1452 ENCOMPPAT;ENCOMPPAT2

DN 9310407

TI Method for refining methylnaphthalene contg. oil - comprising azeotropically distilling with **ethylene glycol** and hydrodesulphurising in the presence of a supported **molybdenum**, cobalt or **nickel catalyst**

IN NOBUSAWA T; SUZUKI T; TAKAGI Y

PA KAWASAKI STEEL CORP

PI EP 518294 921216

DS DE; FR; GB; IT

AI EP 1992-109756 920610

PRAI JP 1992-54817 920313

JP 1991-139026 910611

OS DERWENT 92417195

LA English

L4 ANSWER 7 OF 7 ENCOMPPAT2 COPYRIGHT 2004 ELSEVIER ENGINEERING INFORMATION

Full Text

INC. on STN

AN 92:7572 ENCOMPPAT;ENCOMPPAT2

DN 9212039

TI Hydrocarbon oil hydrogenation **catalyst** prodn. - comprising drying **catalyst** loaded with gp-VI and VIII metals which is mixed with polyol and impregnated on pref. alumina support

PA Sumitomo Metal Mining Co

PI JP 4166232 920612

PRAI JP 1990-288476 901029

OS DERWENT 92246394

=> s (catalyst and nickel and molybdenum and (saccharide or polysaccharide))

128422 CATALYST

24321 NICKEL

17548 MOLYBDENUM

139 SACCHARIDE

2431 POLYSACCHARIDE

L5 28 (CATALYST AND NICKEL AND MOLYBDENUM AND (SACCHARIDE OR POLYSACCHARIDE))

=> s 13 and 15

L6 7 L3 AND L5

=> d 1-7

L6 ANSWER 1 OF 7 ENCOMPPAT2 COPYRIGHT 2004 ELSEVIER ENGINEERING INFORMATION

Full Text

INC. on STN

AN 2002:9852 ENCOMPPAT;ENCOMPPAT2

DN P200214638
 TI **Catalyst** composition for hydrotreating hydrocarbon feed stocks, comprises VIII group non-noble metal component(s) and at least two VIB group metal components, and combustible binder material
 IN EIJSBOUTS S
 PA EIJSBOUTS S; AKZO NOBEL NV
 PI WO 2002004118 20020117
 DS AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; ES; FI; GB; GD; GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; MA; MD; MG; MK; MN; MW; MX; MZ; NO; NZ; PL; PT; RO; RU; SD; SE; SG; SI; SK; SL; TJ; TM; TR; TT; TZ; UA; UG; UZ; VN; YU; ZA; ZW; AT; BE; CH; CY; DE; DK; EA; ES; FI; FR; GB; GH; GM; GR; IE; IT; KE; LS; LU; MC; MW; MZ; NL; OA; PT; SD; SE; SL; SZ; TR; TZ; UG; ZW
 AI WO 2001-EP7734 20010705
 PRAI US 2001-277732P 20010321
 EP 2000-202467 20000712
 OS DERWENT 2002291760
 LA English

L6 ANSWER 2 OF 7 ENCOMPPAT2 COPYRIGHT 2004 ELSEVIER ENGINEERING INFORMATION
Full Text
 INC. on STN
 AN 2002:9851 ENCOMPPAT;ENCOMPPAT2
 DN P200214637
 TI Preparation of **catalyst** composition useful in hydroprocessing of hydrocarbon feedstocks, involves incorporating organic oxygen-containing additive at any time of reaction of metal components
 IN CERFONTAIN M B; EIJSBOUTS S; PLANTENGA F L
 PA CERFONTAIN M B; EIJSBOUTS S; PLANTENGA F L; AKZO NOBEL NV
 PI WO 2002004117 20020117
 DS AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EE; ES; FI; GB; GD; GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; MA; MD; MG; MK; MN; MW; MX; MZ; NO; NZ; PL; PT; RO; RU; SD; SE; SG; SI; SK; SL; TJ; TM; TR; TT; TZ; UA; UG; UZ; VN; YU; ZA; ZW; AT; BE; CH; CY; DE; DK; EA; ES; FI; FR; GB; GH; GM; GR; IE; IT; KE; LS; LU; MC; MW; MZ; NL; OA; PT; SD; SE; SL; SZ; TR; TZ; UG; ZW
 AI WO 2001-EP7733 20010705
 PRAI US 2001-277733P 20010331
 EP 2000-202468 20000712
 OS DERWENT 2002291759
 LA English

L6 ANSWER 3 OF 7 ENCOMPPAT2 COPYRIGHT 2004 ELSEVIER ENGINEERING INFORMATION
Full Text
 INC. on STN
 AN 97:2906 ENCOMPPAT;ENCOMPPAT2
 DN 9710618
 TI Activating hydrotreating **catalyst** comprising Gp.-VIII and Gp.-VI hydrogenation metal oxide(s) on carrier - by contacting with additive contg. at least two hydroxyl gps. or polyether(s) and drying, giving high desulphurising and de-nitrogenating powers
 IN UEKUSA K; URAGAMI Y; YAMAGUCHI E; YOKOZUKA H
 PA SUMITOMO METAL MINING CO
 PI WO 9641848 961227
 DS AL; AM; AT; AU; AZ; BB; BG; BR; BY; CA; CH; CN; CZ; DE; DK; EE; ES; FI; GB; GE; HU; IL; IS; JP; KE; KG; KP; KR; KZ; LK; LR; LS; LT; LU; LV; MD; MG; MK; MN; MW; MX; NO; NZ; PL; PT; RO; RU; SD; SE; SG; SI; SK; TJ; TM; TR; TT; UA; UG; US; UZ; VN; AT; BE; CH; DE; DK; EA; ES; FI; FR; GB; GR; IE; IT; KE; LS; LU; MC; MW; NL; OA; PT; SD; SE; SZ; UG
 AI WO 1996-IB565 960607

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PRAI JP 1995-166783 950608
OS DERWENT 97065443
LA English

L6 ANSWER 4 OF 7 ENCOMPAT2 COPYRIGHT 2004 ELSEVIER ENGINEERING INFORMATION

Full Text

INC. on STN

AN 96:4880 ENCOMPAT;ENCOMPAT2

DN 9611220

TI **Catalyst** carrier contg. titania - is used for hydrogenation and methylation catalysts and has good physical and mechanical properties.

IN LI D; SHEN B; SHEN Y

PA DEQING CHEM IND TECHNOLOGY DEV CO

PI WO 9614152 960517

DS AM; AT; AU; BB; BG; BR; BY; CA; CH; CN; CZ; DE; DK; ES; FI; GB; GE; HU; JP; KE; KG; KP; KR; KZ; LK; LT; LU; LV; MD; MG; MN; MW; NL; NO; NZ; PL; PT; RO; RU; SD; SE; SI; SK; TJ; TT; UA; US; UZ; VN; AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; KE; LU; MC; MW; NL; OA; PT; SD; SE; SZ

AI WO 1994-CN87 941104

PRAI WO 1994-CN87 941104

OS DERWENT 96251603

LA Chinese

L6 ANSWER 5 OF 7 ENCOMPAT2 COPYRIGHT 2004 ELSEVIER ENGINEERING INFORMATION

Full Text

INC. on STN

AN 96:843 ENCOMPAT;ENCOMPAT2

DN 9610288

TI Heavy oil hydrogenation **catalyst** - consists of specific support loaded with cpds. of Group-VIA and/or Group-VIII elements, and having specified carbon content

PA IDEMITSU KOSAN CO LTD

PI JP 7289898 951107

AI JP 1994-92659 940428

PRAI JP 1994-92659 940428

OS DERWENT 96015654

L6 ANSWER 6 OF 7 ENCOMPAT2 COPYRIGHT 2004 ELSEVIER ENGINEERING INFORMATION

Full Text

INC. on STN

AN 95:7216 ENCOMPAT;ENCOMPAT2

DN 9511884

TI Hydrogenative denitration and desulphurisation **catalyst** - comprises oxide support contg. boria, alumina and active metal e.g. chromium, **molybdenum**, tungsten, cobalt, etc.

PA SUMITOMO METAL MINING CO

PI JP 7155615 950620

AI JP 1993-309081 931209

PRAI JP 1993-309081 931209

OS DERWENT 95250902

L6 ANSWER 7 OF 7 ENCOMPAT2 COPYRIGHT 2004 ELSEVIER ENGINEERING INFORMATION

Full Text

INC. on STN

AN 95:7213 ENCOMPAT;ENCOMPAT2

DN 9511881

TI Hydrogenative denitration desulphurisation **catalyst** - consists of oxide support contg. boria, silica, and alumina, catalytic active metal and additives

PA SUMITOMO METAL MINING CO

PI JP 7155603 950620

AI JP 1993-309082 931209

STN Columbus

PRAI JP 1993-309082 931209
OS DERWENT 95250890

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